

103

Continued on page 23

49

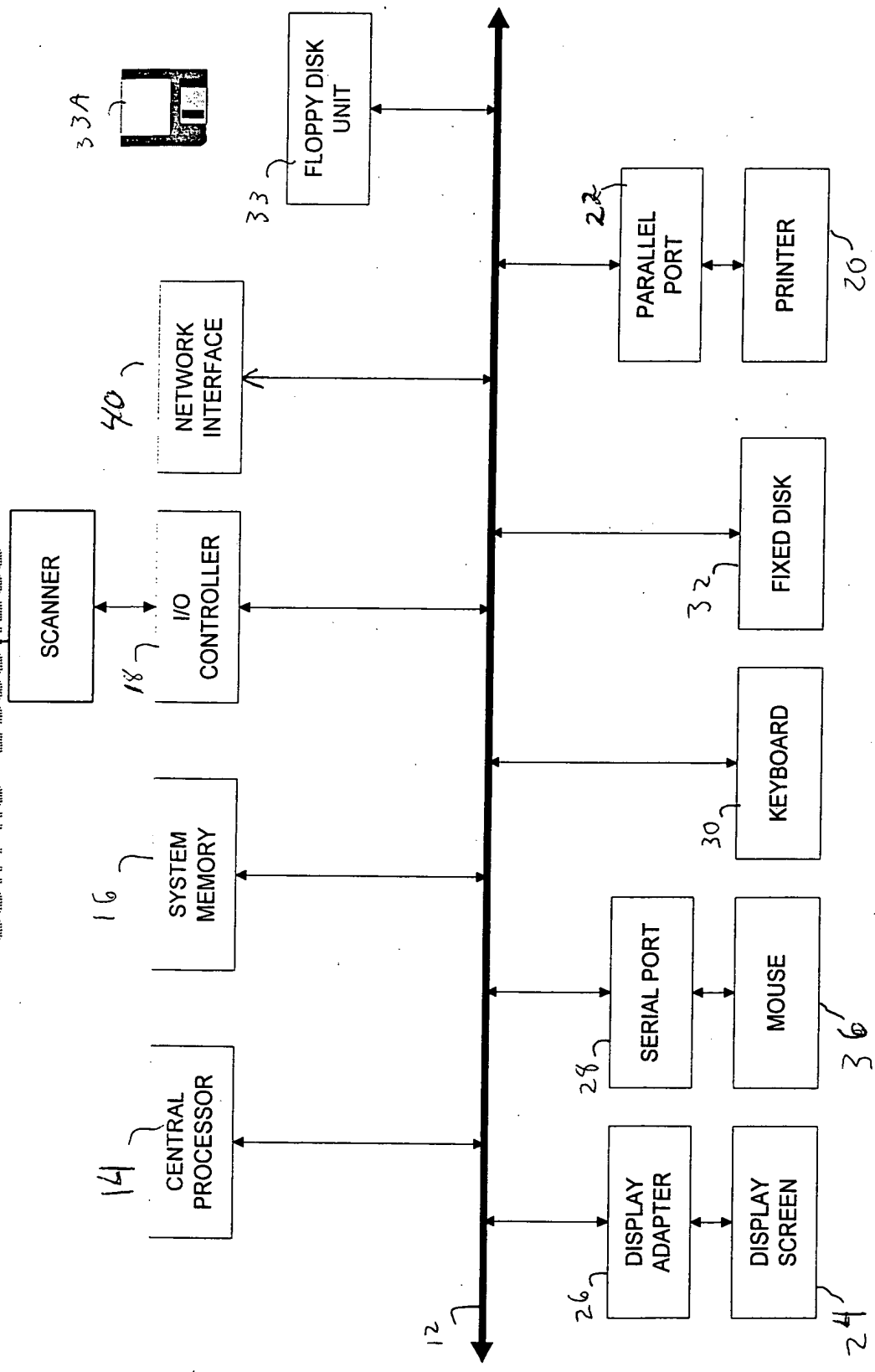


Fig. 1A

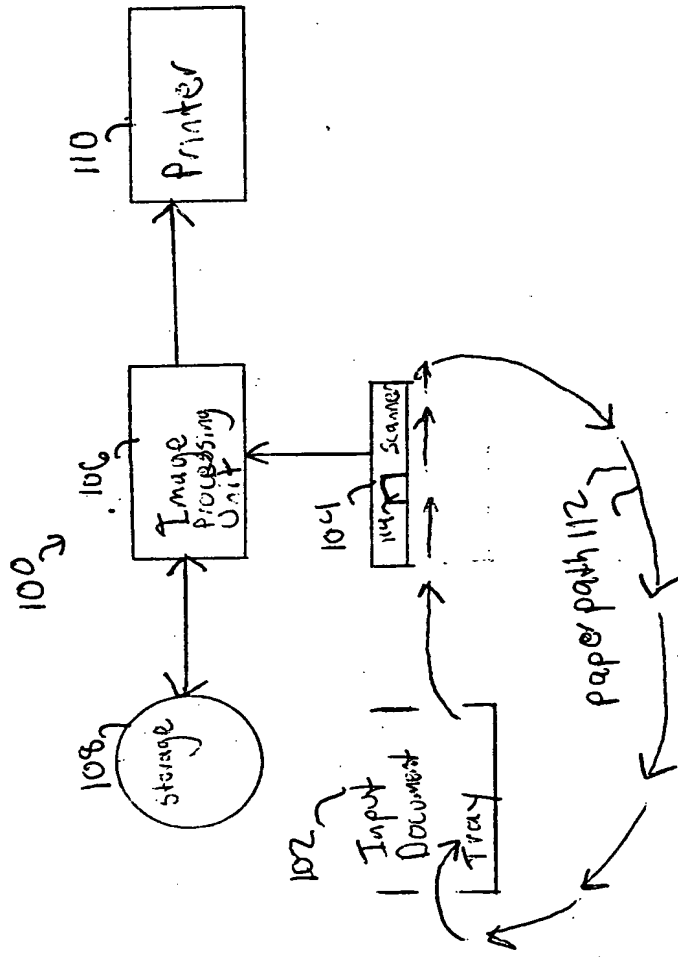


Fig. 1B

111

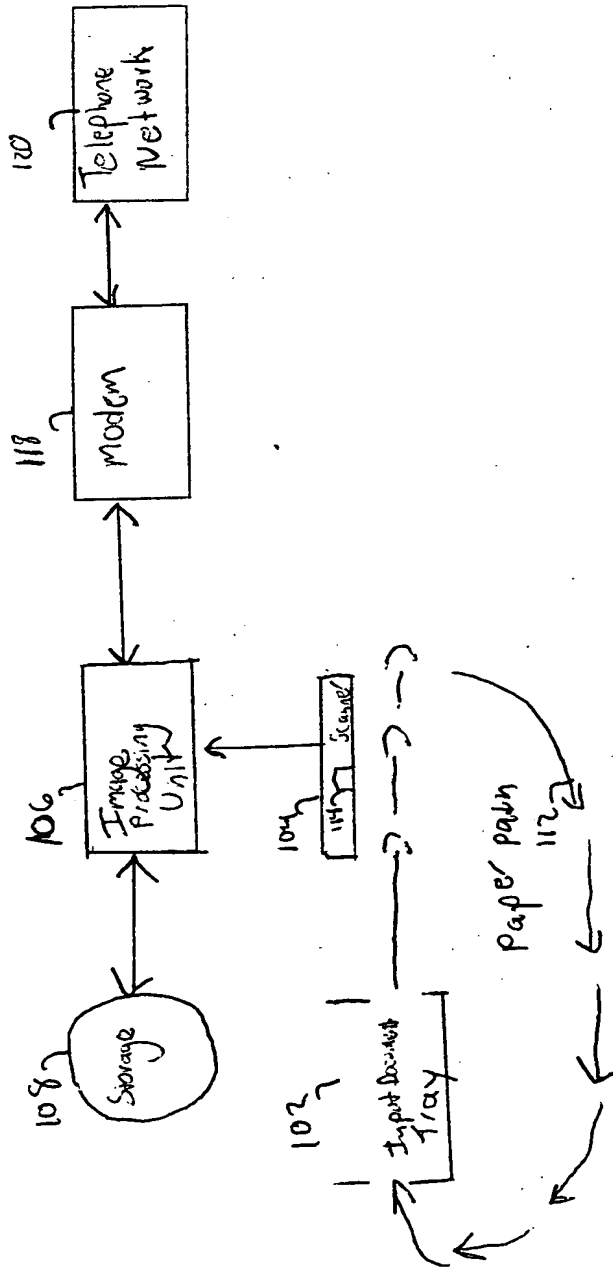


Fig. 1C

202
User places documents in document tray top side up.

204
Scan in top sides of documents, storing every image and bleed-through features.

206
User places documents in document tray bottom side up.

208
Scan in back sides of documents, storing image, and identifying matching front side image.

210
Print document.

Fig. 2

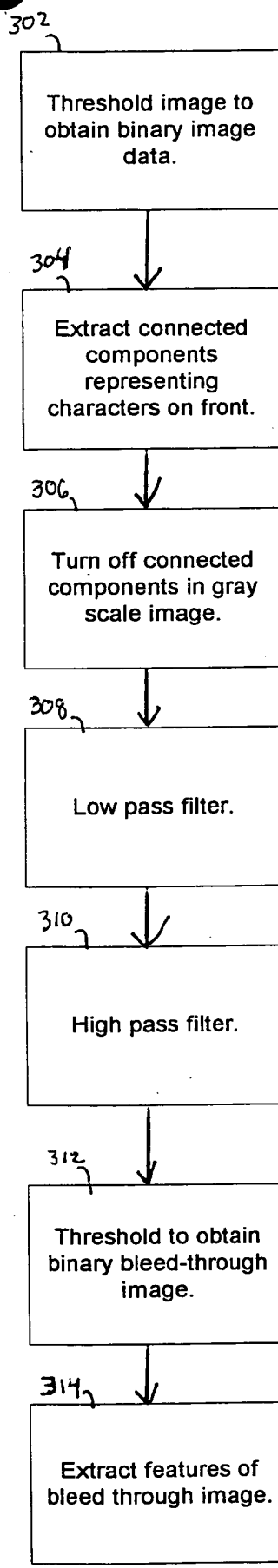


Fig. 3

402
Threshold back side image to obtain binary image data.

404
For a particular front side image, retrieve connected component data.

406
Subtract connected components for particular front side from back side binary image.

408
Extract features.

410
Evaluate match to features extracted from particular front side image

412
Last front side image matched?

414
Pick best match to be other side of page.

Fig. 4

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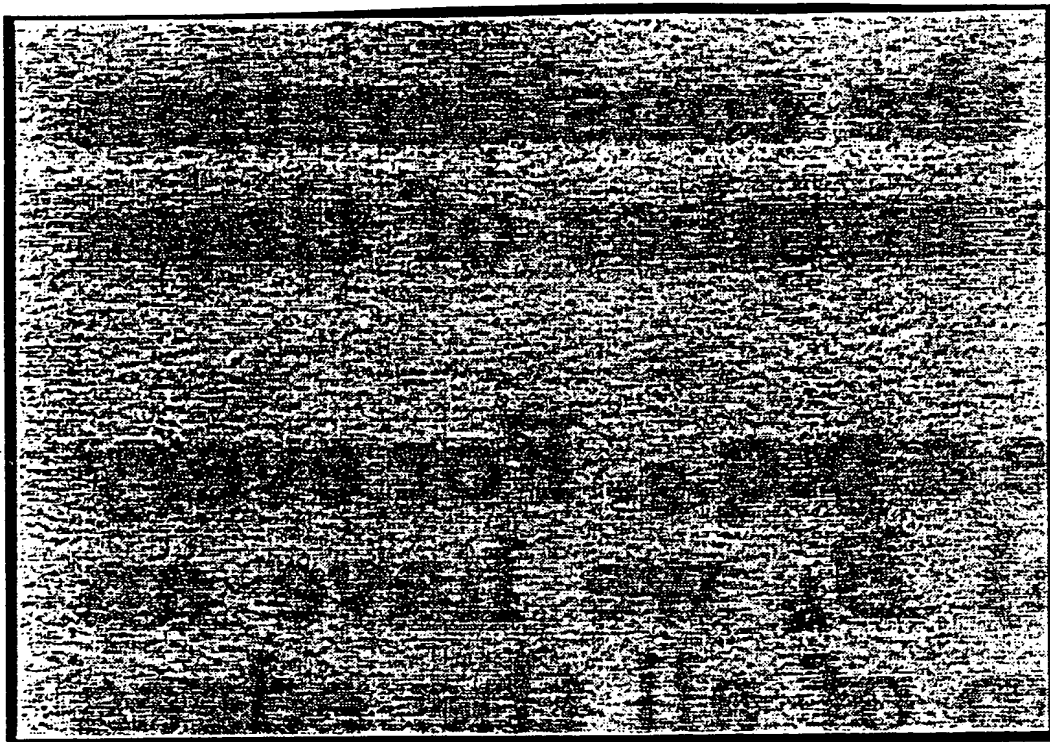


Fig. 5

the consideration
a number of times

e a $p.q_2$. For every
1) B_k we have an
ip of all the edges

Fig 6

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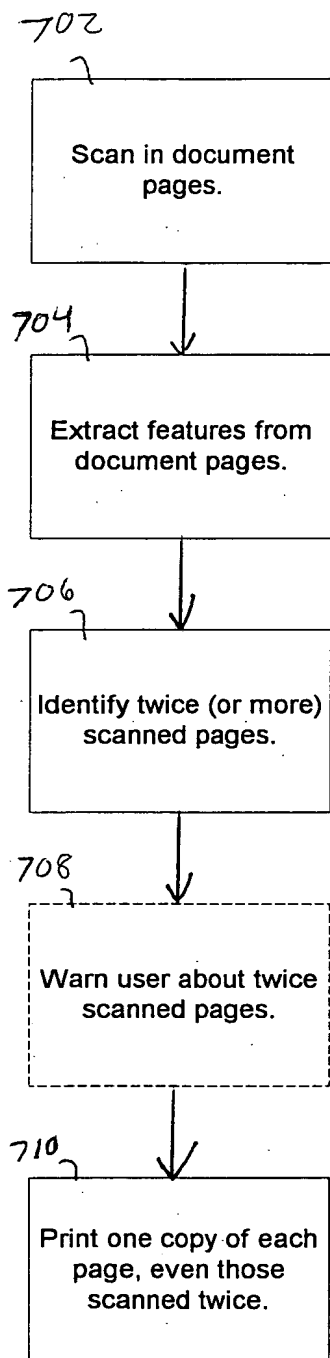


Fig. 7